BIBLIOGRAPHY/ REFERENCES

- Ghanbahadur A. and Ghanbahadur G. (2012). Histopathological effect of organochloride endosulphan. International Journal of Science.1(2)126-127.
- Ghanbahadur A., Ghanbahadur G. ,Bhagde R. V. and Wagh S. B. (2012). Effect of pH on endosulphan toxicity in Rasbora daniconius.Dama International.J.1(2): 18-21.
- Baby F., Tharian J., Philip S., Ali A. and Raghavan R. (2011). check list of the fishes of the Achankovil forests, Kerala,India with notes on the range extension of an endemic cyprinid Puntius chalakkudiensis. Journal Of Threatened Taxa 3(7):1936-1941.
- Barid I., Inthaphaisy V., Kisouvannalath P., Phylavanh B and Mounsouphom B. (1999). The fishes of southernLao.Lao Community Fisheries and Dolphin Protection Project.Ministry of Agriculture and Forestry , Lao PDR.161.

  Bambaradeniya C.N., Ekanayake S.P., Kulandala L.D., Samarawickra-ma V.A., Ratnayake N.D. and Fernando R.H. (2002). An assessment of the status of Biodiversity in the Muthurajawela Wetland Sanctuary. Occassonal papers of IUCN Sri Lanka 3(iv): 48.
- Bhagade A., Satyanarayan S. and Deshpande A. M. (2013). The bioaccumulation of polycyclic aromatic hydrocarbons and its toxicity effects on *Rasbora daniconius.* International Journal of Chemical and Physical Sciences.2 (special): 82-92.
- Bhandare R.Y., Pathan T.S., Shinde S.E., More P.R. and Sonawane D.L. (2011). Toxicity behavioural changes in fresh water fish Puntius Stigma exposed to pesticide (Rogor), American Eurasian journal of Toxicology Science 3(3):149-152.
- Bhat A. (2000). Fish germplasm inventory of Sharavati, Aghanashini, Bedti and Kalirivers, Uttara kannada. p 148- 151. In A.G. Ponniah and A.Gopalkrishnan (eds.) Endemic Fish Diversity Of Western Ghats. NBFGR-NATP publication . National Bureau Of Fish Genetics Resources , Lucknow,U.P.,India.1,347p.
- Chandrashekhariah H.N., Rahman F. and Raghavan L. (2000). Status of fish fauna in Karnataka. p 98-135. In A.G. Ponniah and A.Gopalkrishnan (eds.) Endemic Fish Diversity Of Westren Ghats. NBFGR-NATP publication. National Bureau Of Fish Genetics Resources, Lucknow,U.P.,India.1,347p.

- Chinese Accademy Of Fishery Sciences, (2003). Chinese aquantic germplasm resources database. http: zzzy. fishinfo.on.
- Dahanukar N., Raut R. and Bhat A. (2004). Distribution of endemism and threat status of fresh water fishes in the western Ghats of India . J. Biogeogr 31:123-136.
- Daniels, R.J.R., (2002). Freshwater fishes of peninsular India. Madhav Gadgil (ed) India- A life Scape 2. Universities press, Hyderabad.
- Daniel N.,Lumbantobing (2014). Four new species of genus Rasbora as R.arundinata, R.haru,R.maninjau and R.bindumatogo. Zootaxa 3764(1):1-25.

  De Silva S. S., Amarasinghe U.S., and Wijegoonawardena D.N. (1996). Diel feeding patternsand daily ration of Cyprinid species in the wild determined using an iterative method, MAXIMS. J. Fish Biol. 49(6):1153-1162.
- Doi A., (1997). A review of taxonomic studies of cypriniform fishes in southeast Asia.JapJ. J. Icthyol.44 (1): 1-33.
- Gadgil M., Chandrashekhariah H.N. and Bhat (2001). Freshwater fish : out of sight, out of Mind. Survey of the Environment (The Hindu),pp. 137-142. National press Chennai.
- Gopi K.C., (2000). Fresh water fishes of Kerala state.In A.G. Ponniah and A.Gopalkrishnan (eds.) Endemic Fish Diversity Of Westren Ghats. NBFGR-NATP publication . National Bureau Of Fish Genetics Resources , Lucknow U.P. India.1,347p.
- Hanel L. and Novak J. (2002). Ceske nazvy Zivocichu V. Ryby a ryboviti obratlovci (pisces) 3, malousti (Gonorhyn chifirmes)- maloostni (cyprini- formes). Narodni muzeum (zoologicke oddeleni), Praha.
- Harish kumar K., Kiran B.R., Purushotham R., Puttaiah E.T. and Manjappa (2005).The positive correlation between the length and weight of females and males. Zoos' Print Journal 21 (1): 2140-2141.
- Hitesh Das (2014). The richness and diversity of fish species in Assam. Indian Journal of Applied Research. 4 (1): 37-38.
- IUCN Bangladesh (2000). Red book of threatened fishes of Bangladesh, IUCN-The world conservation union. Xii+116pp.

- Jayalakshmy V. and Sanalkumar (2012). Bi-Seasonal Variation in the Piscian Diversity in Kerala. International J. Of Scientific and Research Publication.4 (1): 32-35.

- Kapoor D., Dayal R. and Ponniah A.G. (2002). Fish biodiversity of India. Natoinal Bureau of fish Genetic Resources Lucknow, India.p 775.

- Khanapure N.N. and Mudkhede L.M. (2013). The dimethoate affects on Rasbora daniconius which cause lethal effects. Golden Research Thoughts.2(11):1

- Kottelat (1998). Fishes of the Nam Theun and xe Bangfai basin, Loas with diagnoses of twenty two new species (Teleostei:cyprinidae, Balitoridae, cobitidae, colidae and Odontobutidae) Icthyol Explor. Fresh wat. 9(1): 1-128.

- Kottelat (2001). Fishes of Laos with order teleostei diagnoses of 22 new species. WHT publications ltd.,Colombo 5, Sri Lanka. 198p.

- Kullander S.O.and Fang F. (2005). Two new species of Puntius from nothern Myanmar (Teleostei: cyprinidae). Copeia 2005(2): 290-302.

- Lias T. Y., Kullander S.O. and Fang F. (2010). Phylogenetic analysis of the genus Rasbora. Zoologica scripta 39(2): 155-176.

- Lim P., Lek S., Touch S.T., S-OMAO and Chhouk B. (1999). Diversity and spatial distribution of fresh water fish in Great Lake and Tonle sap river (Cambodia ,Southeast Asia) Aquat. Living Resour 12 (6):379-386.

- Menon A.G.K. (1999). Check list of fresh water fishes of India. Rec. Zool. Surv. India, Misc. Publ. Occas. Pap. No. 175, 366p.

- Mirza M.R. (2003). Check list of fresh water fishes of Pakistan. Pakistan J. Zool. Suppl. Ser. (3):1-30.

- Monkolprasit S., Sontirat S., Vimollohakarn S. and Songsirikul T.(1997). Check list of Fishes in Thailand office of Environmental policy and planning, Bangkok, Thailand.353p.

- Motomura H., Tsukawaki S. and Kamiya T. (2002). A preliminary survey of the fishes of Lake Tonle sap near siem Reap, Cambodia. Bull. Natn. sci. Mus. 28(4):233-246.

- Ombase C. P. and Pawar B.K. (2012). Cyclical changes of lipids in the testis of Rasbora daniconius showed increase in numbers of sperms. Journal of Cell and Tissue Research.12 (2):3193-3197.
- Oo W. (2002). Inland fisheries of the uinion of Myanmar. In T. Petr and D.B. Swar (eds.) cold water fisheries in the Trans-Himalayan countries. FAO Fish.Tech.pap.431.
- Pathan T.S., Sonawane D.L. and Khillare Y.K. (2009). Histochemical study of liver of Rasbora daniconius. Emir. J. Food. Agric. 21(2):71-78
- Pathan T.S., Sonawane D.L. and Khillare Y.K. (2009). Toxicity and behavioural changes in *Rasbora daniconius* exposed to paper mill effluent.Botany Research International. 2(4):263-266.
- Pathan T.S., Shinde S.E., Thete P.B., Sonawane D. L. and Khillare Y.K. (2010). The *Rasbora daniconius* were exposed to lethal and sublethal concentrations of paper mill effluent for study of gills. Iranica Journal of Energy and Environment.1(3):170-175.
- Pathan T.S., Shinde S.E., Thete P.B.and Sonawane D. L. (2010) . Histopathology of liver and kidney of *Rasbora daniconius*.Research Journal of Biological sciences. 5(5):389-394.
- Pathan T.S., Shinde S.E., Thete P.B. and Sonawane D. L. (2012). The histopathological effects of paper mill effluent in the ovary of *Rasbora daniconious*. Journal of Fisheries and Aquaculture.3(1):29-32.
- Pawar S.M., Kakade V.B. and Khillare Y.K. (2011). The sublethal effect of sugar factory effluent on food consumption , growth and physiological disorders of *Rasbora daniconius*. Pollution Research Paper.30 (1):73-76.
- Pawar S.M. and Sonawane S.R. (2013). The proximate biochemical composition and seasonal variation in fish species. Int. J. Biodivers. conserv. 5(7):433-435.
- Pet J.S., Gever G.J.M., Van W.L.T., Densen and Vijverberg J. (1996) Management options for a more complete utilization of the biological fish production in Sri Lankan reservoirs. Ecol. Fresh Wat. Fish 5(1):1-14.
- Petr T. (1999). Cold water fish and fisheries in Bhutan . p6-12. In T. Petr (ed.) Fish and Fisheries at higher altitude : Asia. FAO Fish. Tech. Pap. No. 385. FAO, Rome. 304p.
- Priyadarshana T., Asaeda T. and Manatuge J. (2006). Hunger induced foraging behaviour,feeding

and swimming behaviour of -pseudorasbora Parva and Rasbora daniconius. Hydrobiologia. 568(1):341-352.

- Priyadarshana T. And Asaeda T. (2007). Littoral zones of the aquatic systems modify the foraging activity of planktivores. Environmental Biology of Fishes.80(4):473-486.

- Rahman A.K.A. (2005). Fresh water fishes of Bangaladesh, 2nd edition, Zoological Society Of Bangaladesh, Department Of Zoology, University Of Dhaka, Dhaka-1000, pp106-107.

- Rehaman M., Hossen Y., Ferdous A., Fatimatuzzhura., Bharat Raj Subba., Elgorban M. and Ohtomi J. (2012). Biodiversity in the Ganges river of Bangladesh. World Journal of Zoology. 7(4):328-337.

- Rainboth W. J. (1996). Fishes of the Cambodian Mekong. FAO species Identification field Guide for fishery purposes. FAO, Rome, 265p.

- Ranjan P.T., Sreeraj C.R. and Immanuel T. (2011). Fish fauna of coral reef, mangrove, fresh water, offshore and seagrass bed of Andaman and Nicobar Island Zoological Survey Regional center, Haddo, Port Blair.

Rao K.V.R. (1995) Pisces .p483-506.In Fauna of Chilka Lake. Wetland Ecosystem Series l.Zool.Surv.India.673p.

- Rema Devi K. and Indra T.J. (2000).Fresh water icthyofaunal resources of Tamil Nadu. p77-97.In A.G. Ponniah and A.Gopalkrishnan (eds.) Endemic Fish Diversity Of Westren Ghats. NBFGR-NATP publication . National Bureau Of Fish Genetics Resources , Lucknow,U.P.,India.1,347p.

- Rema devi K., Indra M.B., Raghunathan and Ravichandran M. S. (2005). The survey of new species and endemic species. Zoos'Print Journal 20(3):1809-1811.

- Ravindra Jayaratna and Thilina Surasinghe (2010). The ecology and habitat of fresh water fishes in ShriLanka. Sabaramuwa University Journal.9(1):11-43.

- Riede K. (2004). Global registar of migratory species- from global to regional scales. Final report of R&D - PROJECT 808 05 081. Federal Agency for Nature conservation, Bonn, Germany. 329p.

- Robert H., Devlin and Yoshitaka Nagahama (2oo2). Sex determination and affect of genetic, physiochemical and behavioural changes in fishes. Aquaculture.208(3)191-364.

- Sarkar V.K., Pathak A.K. and Lakra W.S. (2008). Length- weight relationships and condition

factors of the fresh water fishes. Biodiversity and Coservation. 17(1):2495-2511.

- Shafi and Quddus (2001).food,feeding and varietyof habitate of *Rasbora daniconius*. Bagladesh Matsho Shamped.Kabir publication.Dhka.X(3):268-273.
- Shaji C.P., Easa P.S. and Gopalkrishna A. (2000). Freshwater fish diversity of western Ghat, p 33-35. In A.G. Ponniah and A.Gopalkrishnan (eds.) Endemic Fish
- Diversity Of Westren Ghats. NBFGR-NATP publication . National Bureau Of Fish Genetics Resources , Lucknow,U.P.,India.1,347p.
- Shrestha, J.(1994). Fishes, fishing implements and methods of Nepal Smt M.D.Gupta, Lalitpur Colony, Lashkar (Gwalior), India. 150p.
- Sulekha B.T,Anna T.V. and Mercy (2011). pesticide induced changes in the proximate composition of fresh water fishes. Indian J.Fish.58(2):85-90.
- Theurkar S.V., Takalakar D,L., Pawar R.M. and Jadhav S.S. (2013). "Diversity and composition of fishes of Chaskaman Dam, Rajgurunagar, part of Northern Western Ghats, Pune (MS), India" *International Research Journal of Animal, Veterinary and Fishery Sciences.* Vol. 1(1): 7-10 February 2013
- Ubharhande S.B. and Sonawane S. R. (2012) Fresh water fish fauna at Paintakli dam from Buldhana. Journal of Experimental Sciences.3(7):4-8.
- Unnithan V.K. (2000). Declane of endemic fish species in selected reservoirs of wester gharts. p169-170. In A.G. Ponniah and A.Gopalkrishnan (eds.) Endemic Fish Diversity Of Western Ghats. NBFGR-NATP publication . National Bureau Of Fish Genetics Resources , Lucknow,U.P.,India.1,347p.
- Vidthayanon C., Karnasuta J. and Nabhitabhata J. (1997). Diversity of freshwater fishes in Thailand , Office of Environmental policy and planning, Bangkok, 102p.
- Weliange W.S. and Amarasinghe U.S. (2003). Accounting for diel feeding periodicity in quantifyring food resource partitioning in fish Assemblages in three reserviors of Sri Lanka. Asion Fish .sci 16(3&4):203-213.
- Weliange W.S.and Amarasinghe U.S. (2007). Relationship between body shape and food habits of fish from three reserviors of Sri Lanka. Asian Fish.Sci,20:257-270.

- Weliange W.S., Amarasinghe U.S., Moreaw J. and Villanueva M.C. (2006). Diel feeding periodicity,daily rotation and relative food consumption in some fish populations in three reserviors of Sri Lanka. Aquat.Living resour, 19:229-237.
- Wu H.L., Shao K.T. and Lai C.F.(eds.) (1999). Latin-Chinese dictionary of fishes names.The sueichan press,Taiwan.1028p

Research Title

IMPACT OF AGRICULTURAL PESTICIDE ROGOR ON FRESH WATER FISH, *RASBORA DANICONIUS* FOUND IN CHASKAMAN DAM, MAHARASHTRA

Name of scholar : Archana Nivrutti Gaikwad

Subject : Zoology.

Reg. No. : 21713092

Name of guide : Dr. Pawar R.M.